

### **ABSTRACT OF THE DISCLOSURE**

A disc brake pad backplate assembly includes a backplate and a pad spring. The backplate and/or the pad spring includes a retaining feature to mount the pad spring to the backplate and circumferentially spaced abutments arranged to restrain lateral movement of the end portions of the pad spring. The pad spring is dimensioned relative to the spacing of the abutments such that a radially inward loading applied at a central portion of the pad spring causes the pad spring to function in a first resilient leaf spring-like mode in which the pad spring end portions are unrestrained up to a predetermined load limit. Above the predetermined load limit, the end portions are restrained by the abutments such that the pad spring functions in a second buckling mode. The spring rate is relatively low in the first mode and relatively high in the second mode.